| r           |            | PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 |  |                  |                      |                                       |                                      |                           |   |          |   |                         |                |           | 10/543074    |                    |                    |  |  |
|-------------|------------|--|--|------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------|---|----------|---|-------------------------|----------------|-----------|--------------|--------------------|--------------------|--|--|
|             |            |  | CLAIMS AS FILED - PART I   |                  |                      |                                       |                                      |                           |   |          |   | SMALL ENTITY OTHER THAN |                |           |              |                    |                    |  |  |
|             |            |  |  |                  | (Column 1) (Column 2 |                                       |                                      |                           | mn 2)                                     | _        |   |                         | <del>-</del> , | ~ SM      | SMALL ENTITY |                    |                    |  |  |
|             |            | U.S. NATIONAL STAGE FEES   |  |                  |                      |                                       |                                      |                           |   |          | RATE                                    |                         | FEE            | _]        | RAT          | RATE FE            |                    |  |  |
|             | ľ          | BASIC FEE  |  |                  |                      | SMALL ENT. = \$ 150                   |                                      |                           | LARGE ENT = \$ 300                        |          | BASIC F                                 | EE                      | 150            | <u></u> 0 | R BASIC FE   | E                  |                    |  |  |
|             | ľ          | EXAMINATIO   | Satisfies PCT Article 33(1)-<br>(4) = \$ 50/\$ 100<br>U.S. is ISA = \$ 50/\$ 100             |                  |                      | All other sin                         |                                      |                           | EXAM. F                                   | EΕ       | \œ                                      |                         | EXAM FE        | E         |              |                    |                    |  |  |
|             | S          | SEARCH FEE   |  |                  |                      | ALL other countries = \$ 200 / \$ 400 |                                      |                           | All other situations =<br>\$ 250 / \$ 500 |          |   | FEE                     | 300            |           | SEARCH       | FEE                |                    |  |  |
|             | F          | EE FOR EXT   | minus 100 =  |                  |                      | / 50 =                                |                                      |                           | X \$ 12                                   | 5=       | · · · · · ·                             | ]                       | - X \$-250     | ) =       |              |                    |                    |  |  |
|             | 10         | OTAL CHAR  | 20 minus 20 = .  |                  |                      |                                       |                                      | X \$ 25 =                 |   |          |   | OR                      | X \$ 50        | =         |              |                    |                    |  |  |
|             | Ι.         | INDEPENDENT CLAIMS   |  |                  |                      | minus 3 = .                           |                                      |                           |   |          |   | )=                      |                | OR        | X \$ 200     | =                  |                    |  |  |
|             | _          |  | PENDENT CLAIM  | but Not proper 1 |                      |                                       |                                      |                           | TL  | + \$ 180 | =                                       |                         | OR             | + \$ 360  | =            |                    |                    |  |  |
| - 1         | • 1        | f the differe  | nce in column 1  | is les           | is than a            | ero, enti                             | er "0" id                            | column 2                  | 2   |          | TOTAL                                   | 14                      | 450            | OR        | TOTAL        |                    |                    |  |  |
| 90          |            |  | CLAIMS A   |                  | MENDE                | IDED - PART II (Column 2) (Column 3)  |                                      |                           |   |          | OTHER THAN SMALL ENTITY OR SMALL ENTITY |                         |                |           |              |                    |                    |  |  |
| 151         | <b>∀</b> ± |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENOMEN   | - 1              |                      | PRE                                   | IGHEST<br>UMBER<br>VIOUSL<br>VIO FOR |                           | SENT<br>TRA                               | -[       | RATE                                    | TI                      | DOI-<br>DNAE   |           | RATE         | TIC                | DOI-<br>INAL<br>EE |  |  |
| le          | MENDMENT   | Total  | . 20   | Min              | us                   | -                                     | 20                                   | ) = /                     |   | ×        | \$ 25 =                                 |                         | I              | OR        | X \$ 50 =    | T                  |                    |  |  |
| _ -         |            | Independent  | 2  | Min              | us                   |                                       | 3                                    | =                         | =   | X.:      | 100 =                                   | V                       |                | DR.       | X.\$.200.=.  | 1-                 | ]                  |  |  |
| L           |            | FIRST PRE  | SENTATION OF   | MULTI            | PLE DEPENDENT CLAIM  |                                       |                                      |                           |   |          | +\$ 180 =                               |                         |                | R .       |              |                    |                    |  |  |
|             |            |  |  |                  |                      |                                       |                                      |                           | TOTAL ADD                                 |          |   | o                       | RTO            | PEE       |              |                    |                    |  |  |
|             |            |  | (Column 1)   |                  |                      | (Colu                                 | n 3)                                 |                           |   | ÷:       |   |                         | ·              |           |              |                    |                    |  |  |
| 8 5         |            |  | CLAMS<br>REMAINING<br>AFTER<br>AMENOMENT   |                  |                      | HIGH<br>HUM<br>PREVIO<br>PAID         | KEST<br>BEER<br>OUSLY                | PRESE                     |   | R        | ATE                                     | TION                    | AL             |           | RATE         | ADO<br>TION<br>FEE | AL                 |  |  |
| AMENDMENT B | T          | otal   | •  | Minus            | :                    | ••                                    |                                      | -                         |   | X\$      | 25 =                                    |                         | OF             | ≀ ×       | \$ 50 =      |                    | _]                 |  |  |
| ₩.          | 5          | dependent  | •  | Minus            |                      | •••                                   |                                      | =                         |   | X\$1     | 00 =                                    |                         | OR             | X         | \$ 200 =     |                    | _                  |  |  |
|             | Ŀ          | TRST PRES  | ENTATION OF M  | ULTIP            | E DEPENDENT CLAIM    |                                       |                                      |                           |   | +\$1     |   |                         | OR             |           | + \$ 360 =   |                    | 1                  |  |  |
|             |            | <del></del> -  |  |                  |                      | TOTAL                                 |                                      |                           |   |          | PEE                                     |                         |                |           |              |                    |                    |  |  |
| •••         | i en       | Tighesi Kum<br>Tighesi Kum   | nn 1 is less than the<br>for Previously Paid<br>for Previously Paid<br>for Previously Paid F | For IN           | THES SPA<br>THES SPA | Œkksi<br>Œkksi                        | ban 720°,<br>ban 7°, c               | enter "20".<br>order "3". | and in the                                | eppropri | ale box la                              | column                  | <b>t.</b>      |           |              |                    |                    |  |  |